CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Soyabean Casein Digest Agar (Triple Packed) [Gamma Irradiated] - 90mm Plates	
Product Code: EP001IT-10PL	**Expiry Date: 14/09/2019**
Lot Number: 01280219	**Release Date: 09/03/2019**
Analytical Report Number: QAD/AR-19/03-143A	**Page No: 1 of 3**

PREPARED PLATES			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color of Final Medium	Pale Yellow Colored Plates.	Pale Yellow Colored Plates.	Complies
Clarity after autoclaving	Clear to slightly opalescent gel forms in petri-plates.	Clear to slightly opalescent gel formed in petri-plates.	Complies
pH	7.10 to 7.50	7.29	Complies
Gel Strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies
Pre Incubation Check	No growth should be observed after incubation at 30-35°C for 24 - 48 hrs	No growth observed after incubation at 30-35°C for 24 - 48 hrs	Complies
Quantity of Medium in Plates	22 to 27 ml	25 ml	Complies
IRRADIATED PLATES			
Color of Final Medium	Light Amber Colored Plates.	Light Amber Colored Plates.	Complies
pH	7.10 to 7.50	7.21	Complies
Gel Strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies
Dose of irradiation (kgy)	10 To 25	15 Kgy	Complies

Micromaster laboratories Pvt.Ltd
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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered (Before irradiation)	Percentage Recovery (Before irradiation)	No. of organisms inoculated	No. of organisms recovered (After irradiation)	Percentage Recovery (After irradiation)	Remarks
Staphylococcus aureus ATCC 6538	30 – 35 °C/ 24 - 48 hrs.	88	71	81%	88	69	78%	Complies
Escherichia coli ATCC 8739	30 – 35 °C/ 24 - 48 hrs.	84	73	87%	84	70	83%	Complies
Bacillus subtilis ATCC 6633	30 – 35 °C/ 24 - 48 hrs.	59	44	75%	59	42	71%	Complies
Pseudomonas aeruginosa ATCC 9027	30 – 35 °C/ 24 - 48 hrs.	65	51	78%	65	48	74%	Complies
Candida albicans ATCC 10231	30 – 35 °C/ 24 - 48 hrs.	79	62	78%	79	58	73%	Complies
Aspergillus braseiliensis ATCC 16404	30 – 35 °C/ 24 - 48 hrs.	75	63	84%	75	61	81%	Complies
Candida albicans ATCC 10231	20 – 25 °C/ 48 - 72 hrs.	79	61	77%	79	60	76%	Complies
Aspergillus braseiliensis ATCC 16404	20 – 25 °C/ 3 - 5 days	75	65	87%	75	63	84%	Complies
Penicillium chrysogenum ATCC 11709	20 – 25 °C/ 3 - 5 days	71	60	85%	71	53	75%	Complies

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Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

TESTED BY **(Pooja Sutar)** **MICROBIOLOGIST**	**CHECKED BY** **(Madhavi Sawant)** **HEAD MICROBIOLOGY**	**APPROVED BY** **(Rupali Sabale)** **HEAD QUALITY ASSURANCE**

End Of The Report

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